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COLUMBIA, SOUTH CAROLINA

November 21, 2008

VIA ELECTRONIC FILING

Mr. Charles Terreni, Chief Clerk of the Commission
Public Service Commission of South Carolina
Synergy Business Park, Saluda Building
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Columbia, South Carolina 29210

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**Re: Application of Duke Energy Carolinas, LLC
for approval of Energy Efficiency Plan
Docket No. 2007-358-E**

Dear Mr. Terreni:

On behalf of Duke Energy Carolinas, LLC, we enclose for filing the Residential Smart Saver Program for Air Conditioning proposed tariff in the above-referenced docket.

By copy of this letter we are serving a copy of the same on all parties of record. If you have any questions, please have someone on your staff contact me.

Yours truly,

ROBINSON, MCFADDEN & MOORE, P.C.

Frank R. Ellerbe, III

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Enclosure

cc/enc: Catherine E. Heigel, Assistant General Counsel (via email and US Mail)
Nanette Edwards, Chief Counsel (via email and US Mail)
Scott Elliott, Esquire (via email and US Mail)
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STATE OF SOUTH CAROLINA

BEFORE THE
PUBLIC SERVICE COMMISSION
OF SOUTH CAROLINA

Application of Duke Energy Carolinas, LLC
for Approval of Energy Efficiency Plan Including an
Energy Efficiency Rider and Portfolio of Energy
Efficiency Programs

COVER SHEET

DOCKET
NUMBER: 2007-358-E

(Please type or print)

Submitted by: Frank R. Ellerbe, IIISC Bar Number: 1866

Address: Robinson, McFadden & Moore, P.C.
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NOTE: The cover sheet and information contained herein neither replaces nor supplements the filing and service of pleadings or other papers as required by law. This form is required for use by the Public Service Commission of South Carolina for the purpose of docketing and must be filled out completely.

DOCKETING INFORMATION (Check all that apply)

☐ Emergency Relief demanded in petition ☐ Request for item to be placed on Commission's Agenda expeditiously

☐ Other: _____

INDUSTRY (Check one)	NATURE OF ACTION (Check all that apply)		
<input checked="" type="checkbox"/> Electric	<input type="checkbox"/> Affidavit	<input type="checkbox"/> Letter	<input type="checkbox"/> Request
<input type="checkbox"/> Electric/Gas	<input type="checkbox"/> Agreement	<input type="checkbox"/> Memorandum	<input type="checkbox"/> Request for Certificatio
<input type="checkbox"/> Electric/Telecommunications	<input type="checkbox"/> Answer	<input type="checkbox"/> Motion	<input type="checkbox"/> Request for Investigator
<input type="checkbox"/> Electric/Water	<input type="checkbox"/> Appellate Review	<input type="checkbox"/> Objection	<input type="checkbox"/> Resale Agreement
<input type="checkbox"/> Electric/Water/Telecom.	<input type="checkbox"/> Application	<input type="checkbox"/> Petition	<input type="checkbox"/> Resale Amendment
<input type="checkbox"/> Electric/Water/Sewer	<input type="checkbox"/> Brief	<input type="checkbox"/> Petition for Reconsideration	<input type="checkbox"/> Reservation Letter
<input type="checkbox"/> Gas	<input type="checkbox"/> Certificate	<input type="checkbox"/> Petition for Rulemaking	<input type="checkbox"/> Response
<input type="checkbox"/> Railroad	<input type="checkbox"/> Comments	<input type="checkbox"/> Petition for Rule to Show Cause	<input type="checkbox"/> Response to Discovery
<input type="checkbox"/> Sewer	<input type="checkbox"/> Complaint	<input type="checkbox"/> Petition to Intervene	<input type="checkbox"/> Return to Petition
<input type="checkbox"/> Telecommunications	<input type="checkbox"/> Consent Order	<input type="checkbox"/> Petition to Intervene Out of Time	<input type="checkbox"/> Stipulation
<input type="checkbox"/> Transportation	<input type="checkbox"/> Discovery	<input type="checkbox"/> Prefiled Testimony	<input type="checkbox"/> Subpoena
<input type="checkbox"/> Water	<input type="checkbox"/> Exhibit	<input type="checkbox"/> Promotion	<input checked="" type="checkbox"/> Tariff
<input type="checkbox"/> Water/Sewer	<input type="checkbox"/> Expedited Consideration	<input type="checkbox"/> Proposed Order	<input type="checkbox"/> Other:
<input type="checkbox"/> Administrative Matter	<input type="checkbox"/> Interconnection Agreement	<input type="checkbox"/> Protest	
<input type="checkbox"/> Other:	<input type="checkbox"/> Interconnection Amendment	<input type="checkbox"/> Publisher's Affidavit	
	<input type="checkbox"/> Late-Filed Exhibit	<input type="checkbox"/> Report	

RESIDENTIAL SMART SAVER™
PROGRAM FOR AIR CONDITIONING (SC)

PURPOSE

The purpose of this program is to encourage the installation of high efficiency central air conditioning (cooling) systems.

PROGRAM

- Payments are available for heat pumps and central air conditioning systems in new or existing individually-metered residences, condominiums and mobile homes served by Duke Energy Carolinas' residential rate schedules from Duke Energy Carolinas' retail distribution system.
- The new central air conditioning system or heat pump must have a Seasonal Energy Efficiency Ratio (SEER) of 14 or more and also include an electronically commutative fan motor (ECM fan) on the indoor unit. Geothermal heat pumps must have an Energy Efficiency Ratio (EER) of 11.5 or more and include an ECM fan on the indoor unit. The Heating Seasonal Performance Factor (HSPF) for electric rating for electric heat pumps must be 8.2 or more.
- The new Heating Ventilation and Air Conditioning (HVAC) system must include a properly matched outdoor unit and inside coil, which must be listed as such by the American Refrigeration Institute (ARI). This listing is available at www.ahridirectory.org.
- Payments are available to the builder of a new structure, (or his designee) and to both the owner and to the HVAC dealer (or sales representative) who sells and installs the HVAC system in existing structures.
- Heat pumps and central air conditioning systems must be installed by a Duke Energy Carolinas participating HVAC dealer.
- Heat pumps may use natural gas or any fuel for supplemental or backup heating.
- To qualify for payment under this program, qualifying systems must be installed on or after (date) and the application for payment must be made within 90 days of installation.

PAYMENT AMOUNT

Payments will be made for qualifying HVAC equipment as follows:

New Residences

A payment of \$300 per unit will be made to the builder or the builder's designee.

Existing Residences

A payment of \$200 per unit will be made to the owner of the residence, and

A payment of \$100 per unit will be made to the HVAC dealer (or sales representative) who sells and installs the HVAC system.

South Carolina Original (Proposed) Leaf No. 154

Effective

PSCSC Docket No. 2007-358-E

Order No.